Bill To: SIDERTUL SA DE CV RFC# SID930918KR0 Ship To: 7 SIDERTUL SA DE CV 402 GRAND CENTRAL BLVD

PO No:4500012651 Mill Order No:3899413 Load No:1399413

Order Date:06/17/2011

CERTIFIED MATERIAL TEST REPORT GERDAU AMERISTEEL

GE GERDAU AMERISTEEL

Midlothian Mill 300 Ward Road

MILO DISTRIBUTION CENTER AVENIDA PRESIDENTE MASARYK MEXICO CITY DF MX 11570

LAREDO TXUS 78045

Manifest No:2094152

Midlothian, TX 76065 (972)775-8241

SPECIFICATIONS

HEAT NO: 22600850

GRADE SIZE 992/572-50 W 16 X 26# / W410 X 38.8

40 FT / 12.192 M

LENGTH

PRODUCT WF BEAMS

ASTM A6-09, A992-06a, A572-07

CHEMICAL ANALYSIS

С $\operatorname{\mathtt{Cr}}$ Мо Sn Αl Nb Ρ S Si Cu Νi CE Mn .002 .003 .019 .28 .06 .89 .014 .019 .24 .42 .12 .14 .035 .013

PHYSICAL PROPERTIES

| Yield Strength | | Tensile Strength | | Specimen Area | | Elongation | | | Bend Test | ROA |
|----------------|-------|------------------|-------|---------------|-------|------------|-------------|--------|-------------|-----|
| KSI | MPa | KSI | MPa | Sq In | Sq cm | ૪ | Gage Length | | Dia. Result | 8 |
| 63.1 | 435.1 | 76.2 | 525.4 | 0.363 | 2.34 | 24.4 | 8 In | 200 mm | | |
| 62.3 | 429.5 | 75.6 | 521.2 | 0.365 | 2.35 | 23.6 | 8 In | 200 mm | | |

TENSILE TEST RATIOS

YLD/TENS TENS/YLD YLD/TENS TENS/YLD

1.21 .83 1.21 .82

All manufacturing processes of this product, including electric arc MELTING and continuous CASTING, occurred in the U.S.A. CMTR complies with EN 10204 3.1

"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Date: Sep. 23, 2011 Signed: Date: Notary Public (if applicable) Tom L. Harrington: Quality Assurance Manager

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